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eccetettgg aggegetgee agggeeetgg egeatggegt eegggttetg gaagaeggeg 480
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Ala His Arg Thr Ser Ser Ser Arg Val Ala Val Arg Ser Leu Val Glu
Phe Thr Cys Cys Arg Ala Gly Ala Leu Asp Trp Val Cys Ala Arg Arg
Gly Arg Leu Pro Ser Gly Arg Asn Leu Glu Val Asp Val Ser Leu Ser
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Pro Arg His Val Gly Pro Arg Ala Gly Pro Gly Leu Ser Pro Gly Thr 65 70 75 80

Leu Gly Pro Ser Met Ala Met Arg Val Ala Gly Gly Arg Asp Gly Ser 85 90 95

Cys Leu Pro Val Ala Leu Gly Leu Ala Gly Ala Pro Gln Thr Pro Gly 100 105 110

Val Gly Arg Ala Ile Trp Val Arg Ser Ser Ile Pro Leu Arg Ala Ala 115 120 125

Ser Pro Thr Ser Trp Gly Thr Tyr Arg Ser Ser Ala Pro Leu Leu Glu 130 135 140

Ala Ala Pro Gly Pro Trp Arg Met Ala Ser Gly Phe Trp Lys Thr Ala 145 150 155 160

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<220>

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<220>

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<222> 13

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<400> 3

Leu Asn Leu Lys Glu Lys Pro Xaa Xaa Thr Pro Thr Xaa 1 5 10

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<211> 13

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<222> 6

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Thr Cys
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                                25
Phe Thr Cys Cys Arg Ala Gly Ala Pro Asp Trp Val Cys Ala Arg Leu
                            40
                                                45
Gly Arg Leu Pro Ser Gly Arg Ser Leu Val Glu Gly Ala Ser Leu Ser
Pro Arg Ile Ala Gly Pro Arg Ala Gly Pro Gly Leu Ser Pro Gly Thr
                    70
                                        75
Leu Gly Pro Ser Met Ala Met Arg Val Ala Gly Gly Gln Asp Gly Ser
                                    90
Cys Pro Pro Ala Ala Leu Gly Leu Leu Gly Ala Pro Met Thr Pro Gly
            100
                               105
Gly Gly Pro Ala Ile Trp Val Arg Ser Ser Ile Pro Leu Arg Ala Ala
        115
                            120
                                                125
Ser Pro Thr Ser Trp Gly Thr Ser Arg Ser Ser Ala Pro Leu Gly Ala
    130
                        135
Ser Pro Glu Leu Trp Arg Met Ala Ser Gly Ser Trp Arg Thr Gly Ile
                    150
                                        155
Thr Gln Gln Gly Ile Phe Pro Val Ala Leu Phe Leu Ser Ser Phe Trp
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Leu Phe Cys Pro Ala Leu Ser Gln Leu Arg Pro Ser Lys Cys Ala Thr
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Leu Val Gly
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Ala His Arg Thr Ser Ser Ser Arg Val Ala Val Arg Ser Leu Val Glu
            20
                                25
Phe Thr Cys Cys Arg Ala Gly Ala Leu Asp Trp Val Cys Ala Arg Arg
                            40
                                                45
Gly Arg Leu Pro Ser Gly Arg Asn Leu Glu Val Asp Val Ser Leu Ser
Pro Arg His Val Gly Pro Arg Ala Gly Pro Gly Leu Ser Pro Gly Thr
                    70
                                        75
Leu Gly Pro Ser Met Ala Met Arg Val Ala Gly Gly Arg Asp Gly Ser
                                    90
Cys Leu Pro Val Ala Leu Gly Leu Ala Gly Ala Pro Gln Thr Pro Gly
            100
                                105
Val Gly Arg Ala Ile Trp Val Arg Ser Ser Ile Pro Leu Arg Ala Ala
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120

135

150

Ser Pro Thr Ser Trp Gly Thr Tyr Arg Ser Ser Ala Pro Leu Leu Glu

Ala Ala Pro Gly Pro Trp Arg Met Ala Ser Gly Phe Trp Lys Thr Ala

Thr Met Gln Gly Thr Phe Leu Val Ala Leu Ser Leu Ser Ser Phe

125

140

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Leu Gly Pro Cys Thr Glu Thr Arg Val Ala Ala Gly Arg Val Gly Ser

Cys Pro Pro Ala Gly Leu Val Leu Leu Gly Ala Pro Pro Thr Pro Gly 105

Ile Asp His Ala Ile Trp Ala Glu Ser Ser Ile Pro Leu Arg Val Val

90

110

70

85

<210> 13 <211> 195 <212> PRT <213> Hepatitis C virus

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<210> 14 <211> 194 <212> PRT <213> Hepatitis C virus

195

Leu Arg Gly

65 70 75 Pro Gly Pro Tyr Thr Gly Met Arg Asp Ser Ala Gly Gln Asp Arg Ser 85 90 Cys Pro Pro Glu Val Pro Val Pro Leu Gly Ala Pro Met Thr Pro Gly 100 105 Ile Gly Pro Ala Thr Trp Val Arg Ser Ser Ile Pro Arg Ala Ala Leu 115 120 125 Pro Thr Ser Trp Gly Thr Ser Leu Ser Ala Pro Arg Ser Ala Ala Ser 130 -135 140 Pro Glu Leu Ser Arg Met Ala Glu Ser Trp Arg Thr Gly Leu Ile Leu 150 155 Gln Gln Gly Thr Tyr Pro Val Ala Pro Phe Leu Ser Ser Cys Trp Pro 165 170 Cys Cys Pro Ala Ser Pro Pro Arg Ser Pro Leu Pro Lys Arg Thr Ser 185 Val Pro

<210> 15 <211> 194 <212> PRT <213> Hepatitis C virus

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<210> 16 <211> 195 <212> PRT <213> Hepatitis C virus

Ala Ala

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Phe Thr Cys Cys Arg Ala Gly Ala Pro Asp Trp Val Cys Ala Arg Leu
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Gly Arg Leu Arg Ser Gly Arg Asn Leu Val Glu Asp Ala Asn Leu Ser
Pro Arg Arg Val Asp Pro Arg Glu Gly Pro Gly His Asn Gln Asp Ile
                  70
                                     75
His Gly Leu Phe Thr Val Met Arg Val Val Gly Gly Gln Asp Gly Ser
Cys Pro Pro Val Ala Leu Asp Arg Leu Gly Ala Gln Met Ile Pro Ala
           100
                             105
Gly Gly Pro Ala Ile Trp Val Arg Ser Ser Ile Pro Pro Ala Ala Ser
                         120
Pro Thr Ser Trp Asp Thr Ser Arg Ser Ala Pro Pro Trp Val Ala Ser
                     135
Pro Gly Pro Trp His Met Val Ser Gly Leu Trp Arg Thr Gly Ser Ile
                  150
                                  155
Met Gln Gln Gly Ile Ser Pro Val Ala Pro Phe Leu Ser Ser Trp
              165
                                 170
                                                   175
His Phe Phe Arg Ala Leu Ser Pro Leu Arg Pro Leu Thr Ile Ala Met
 180 185 190
Ser Gln Ala
195
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<210> 17 <211> 192 <212> PRT <213> Hepatitis C virus

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